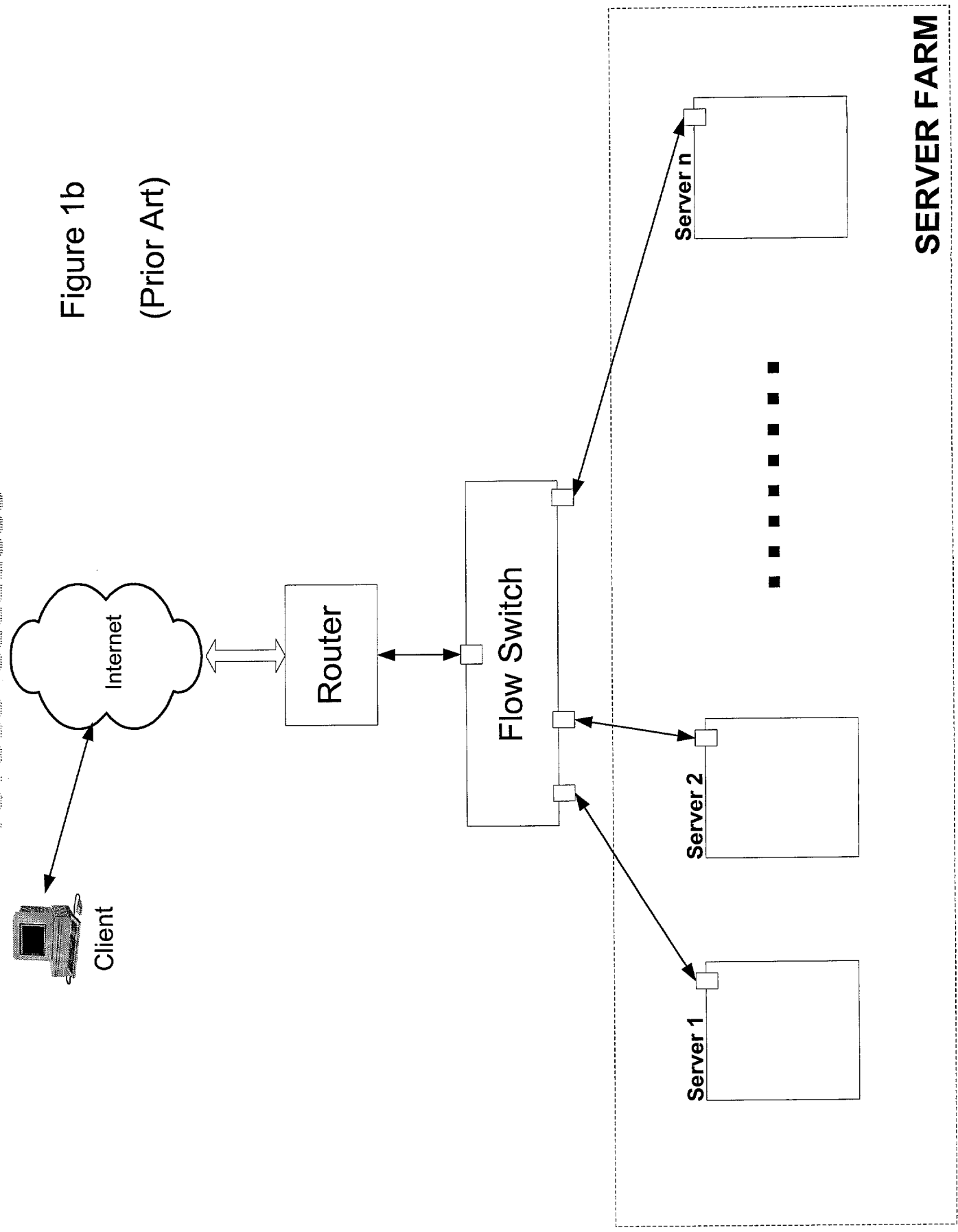
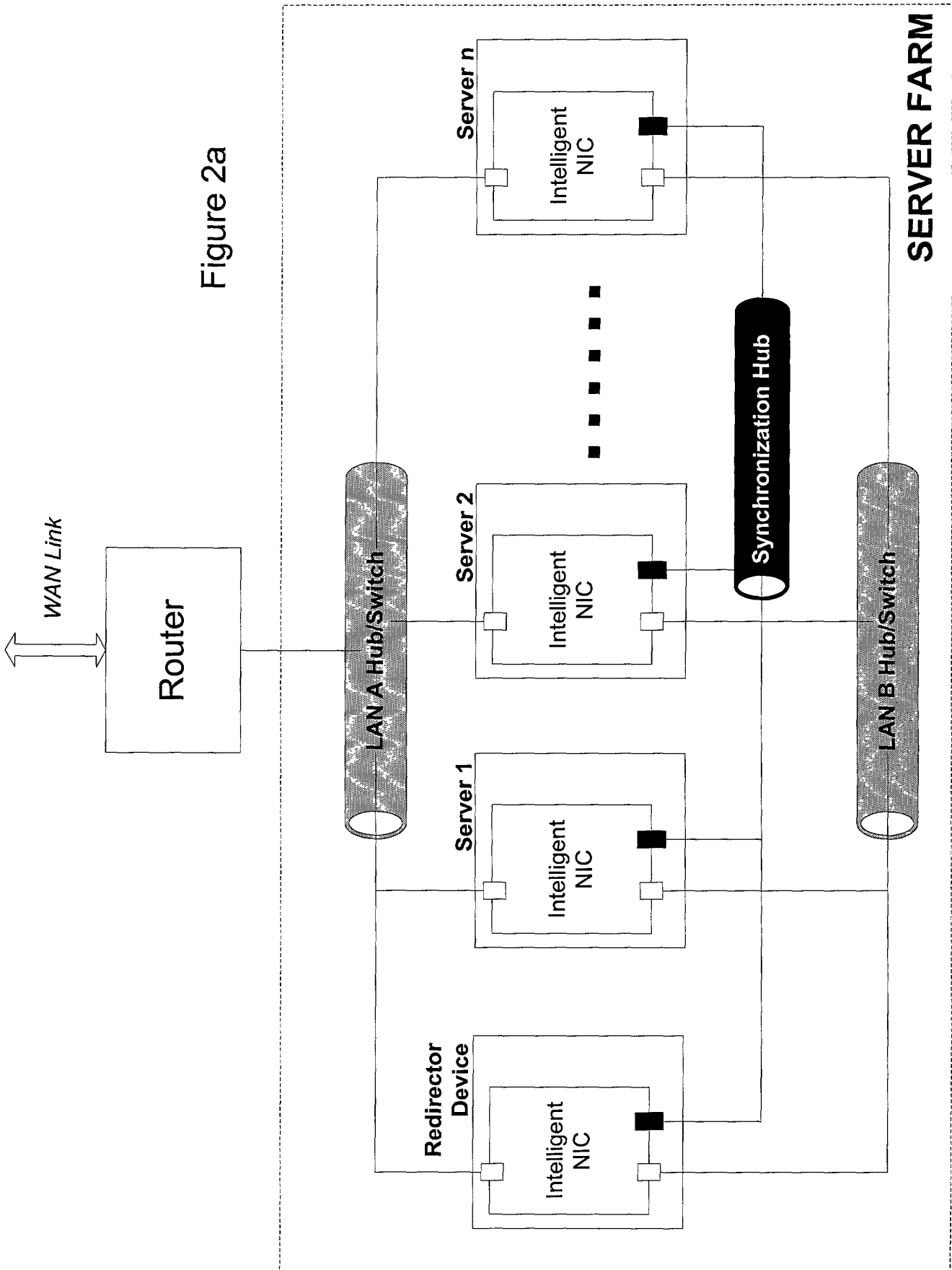


Figure 1a

Figure 1b  
(Prior Art)





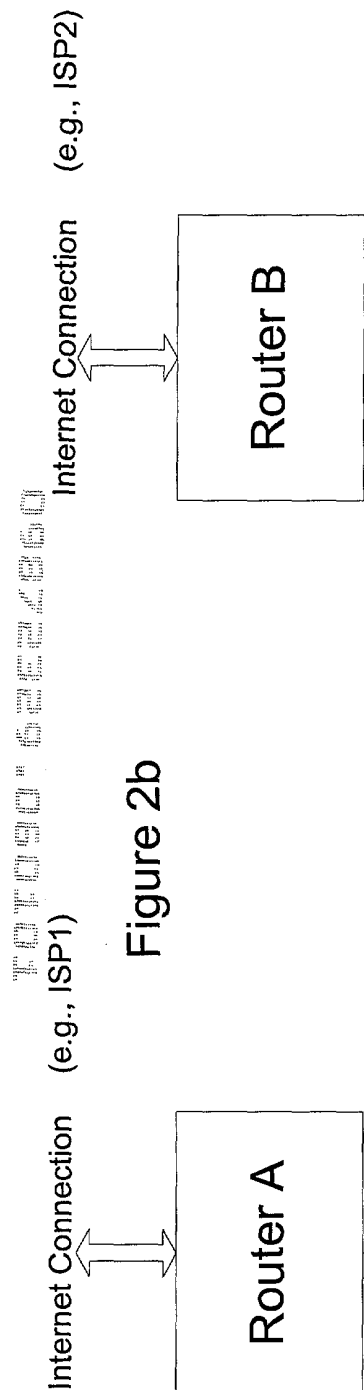
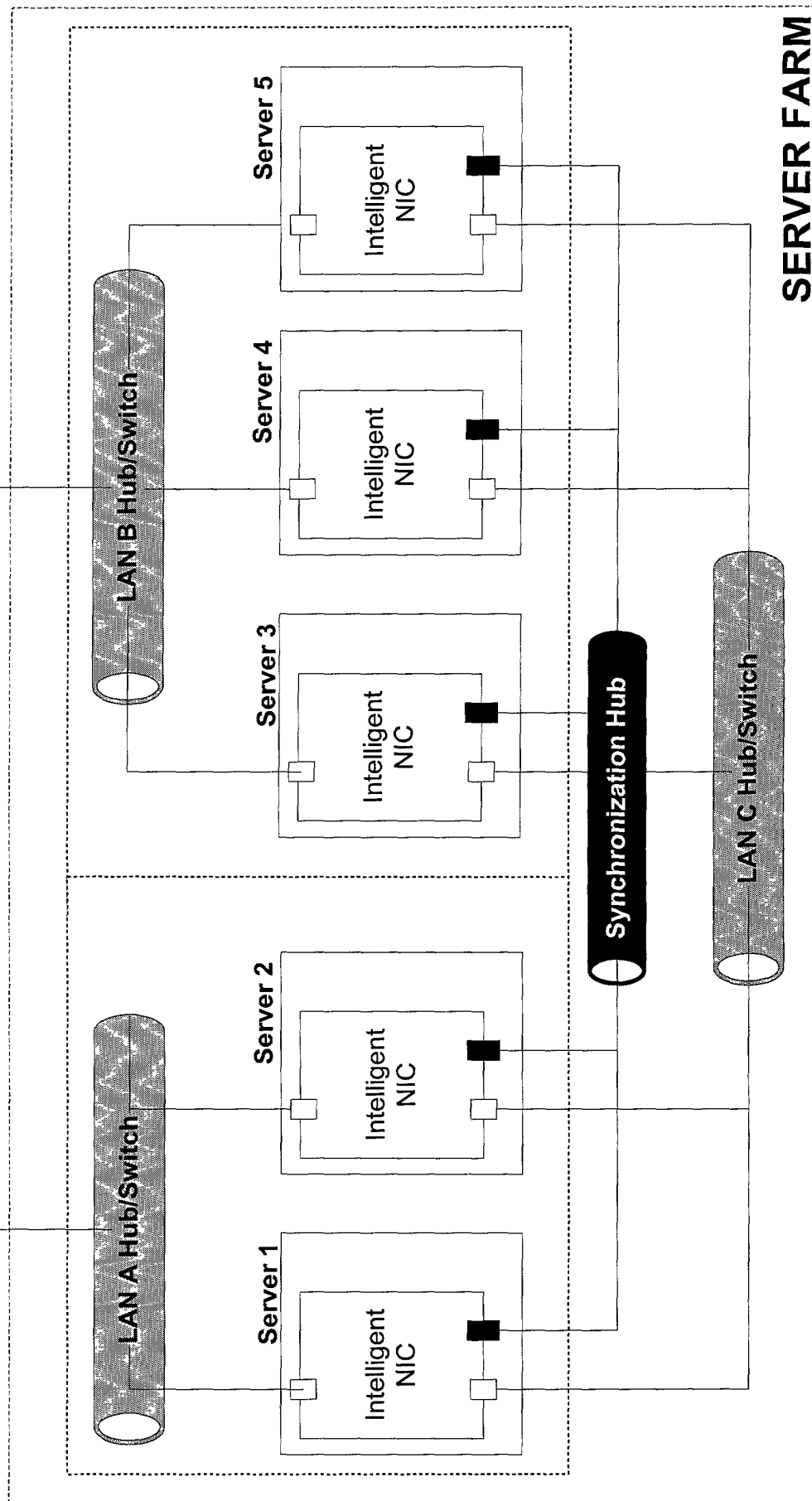


Figure 2b



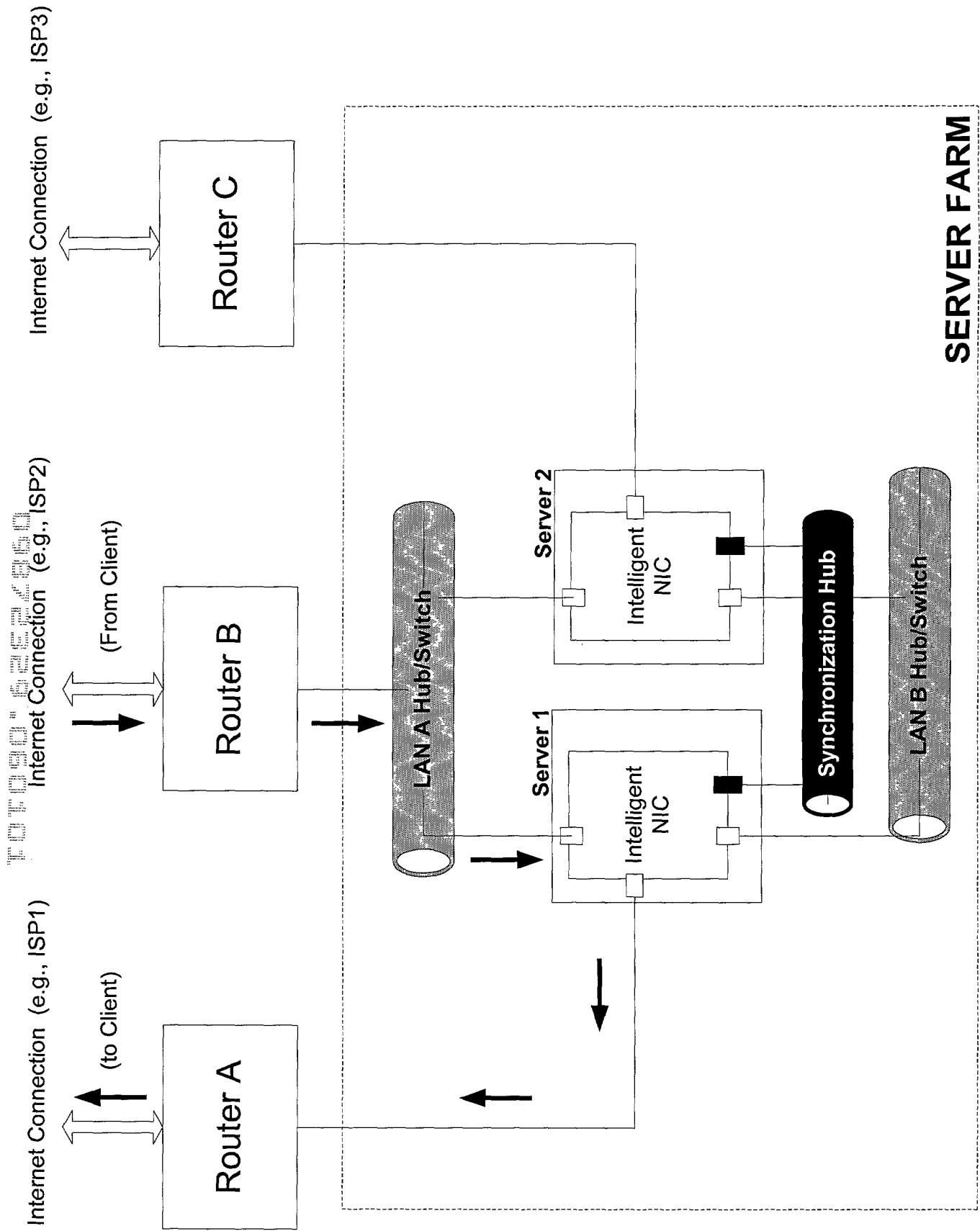


Figure 2c

FOIA b 5 - DELETED

Internet Connection

Figure 2d

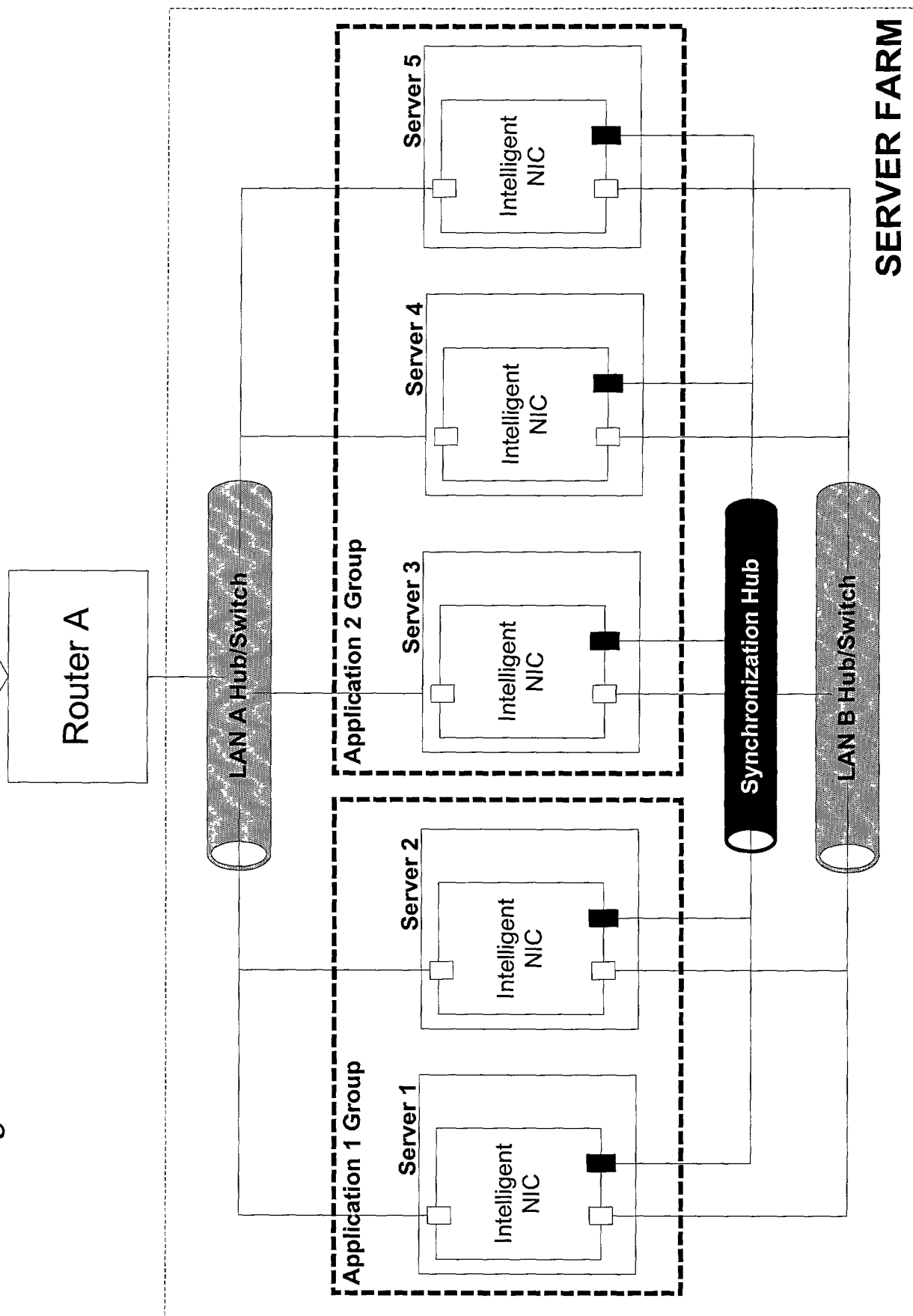


Exhibit 624260

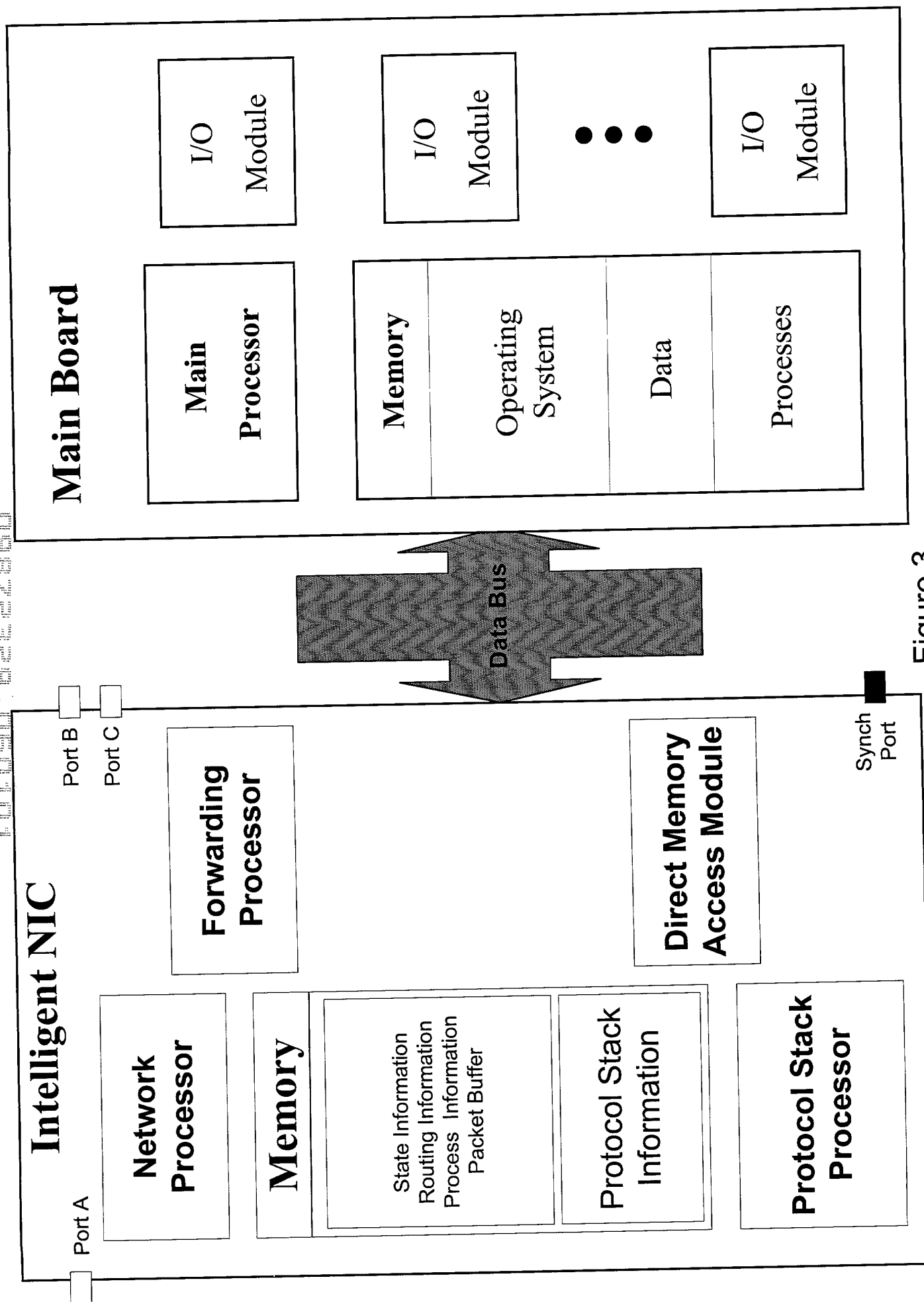


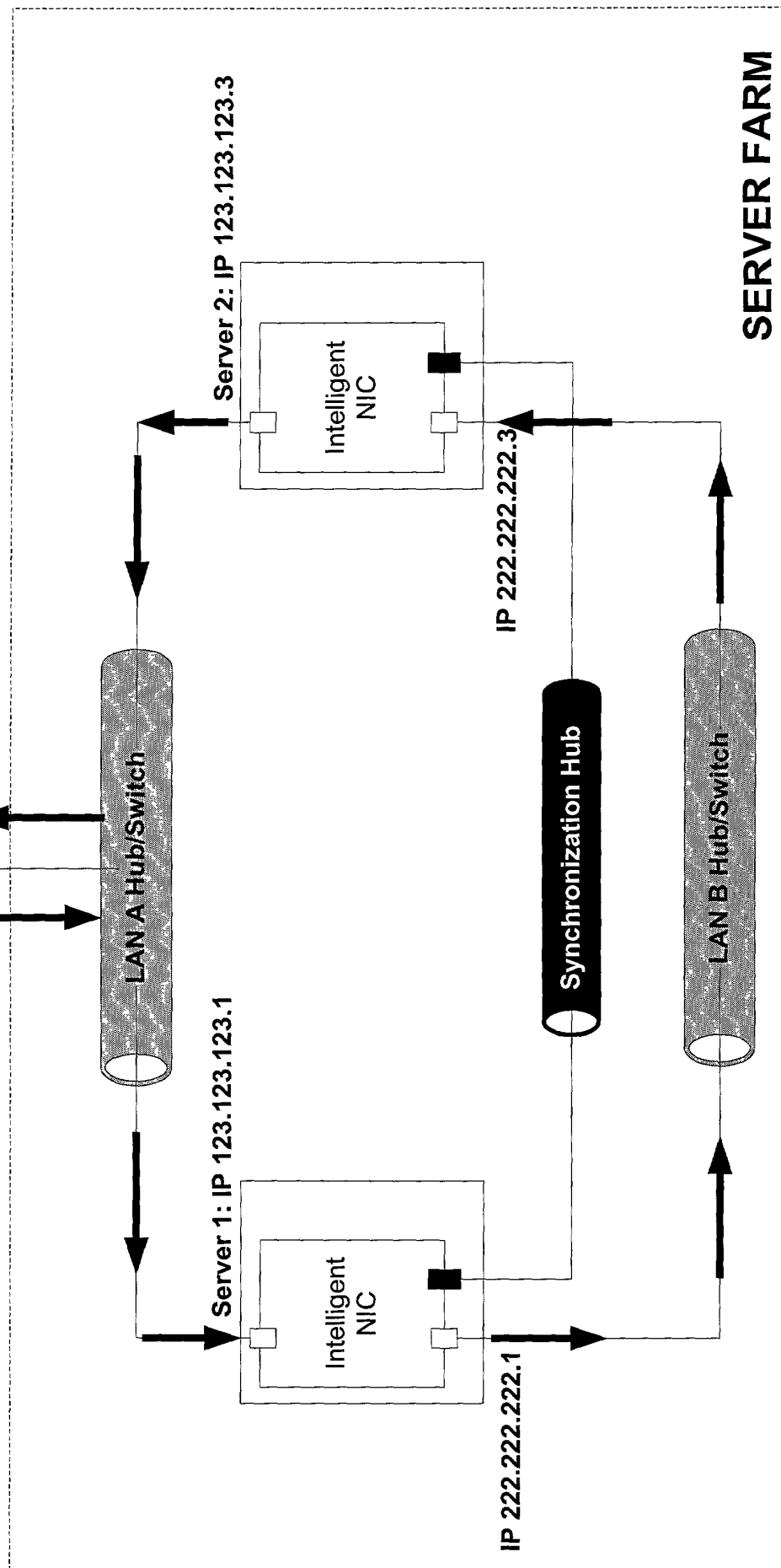
Figure 3

TTT32" 62E2450

Internet Connection

Client Request to Server 1:  
123.123.123.1

Figure 4a





TOP SECRET  
Internet Connection

Client Request to Server 2:  
123.123.123.3

Figure 4b

Router A

LAN A Hub/Switch

Server 1: IP 123.123.123.1

Intelligent  
NIC

IP 222.222.222.1

Server 2: IP 123.123.123.3

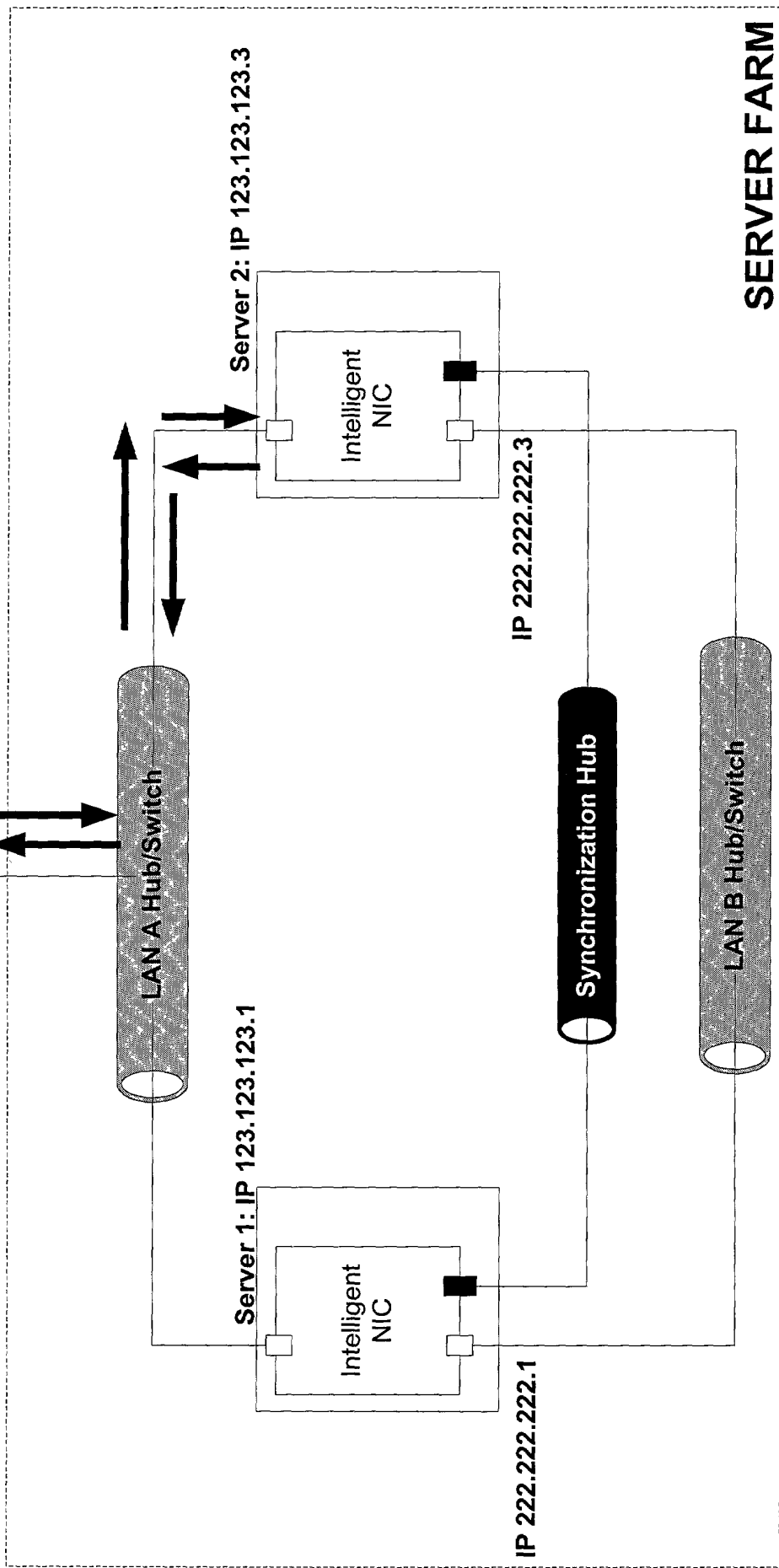
Intelligent  
NIC

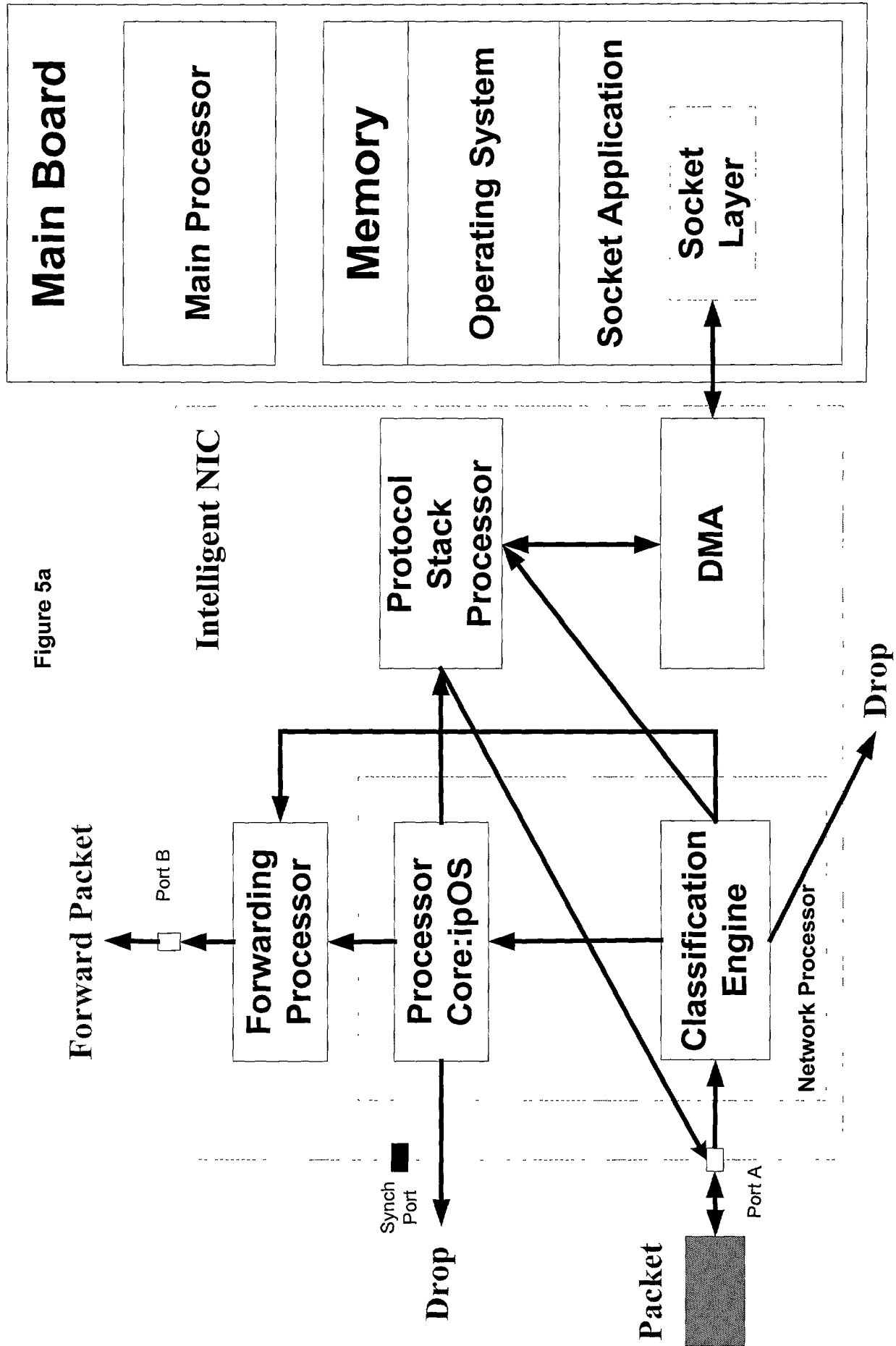
IP 222.222.222.3

Synchronization Hub

LAN B Hub/Switch

SERVER FARM





FOIA b 7 - DCD

Figure 5b

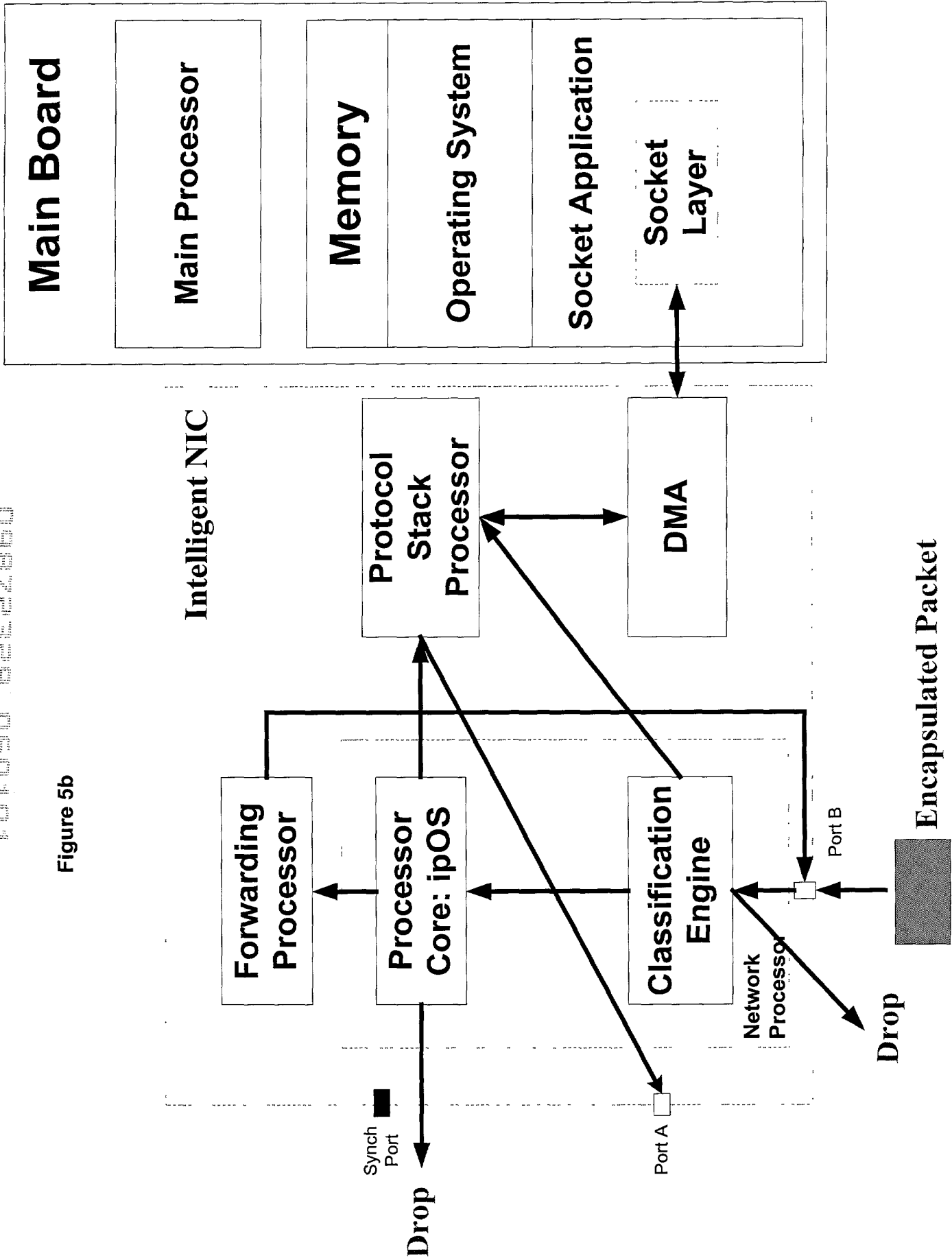
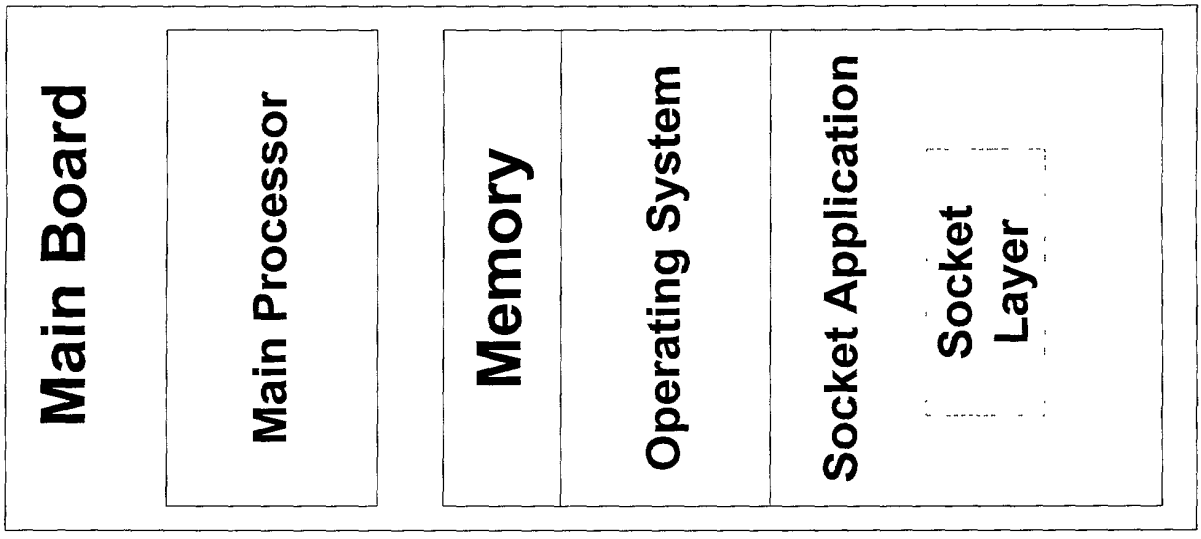
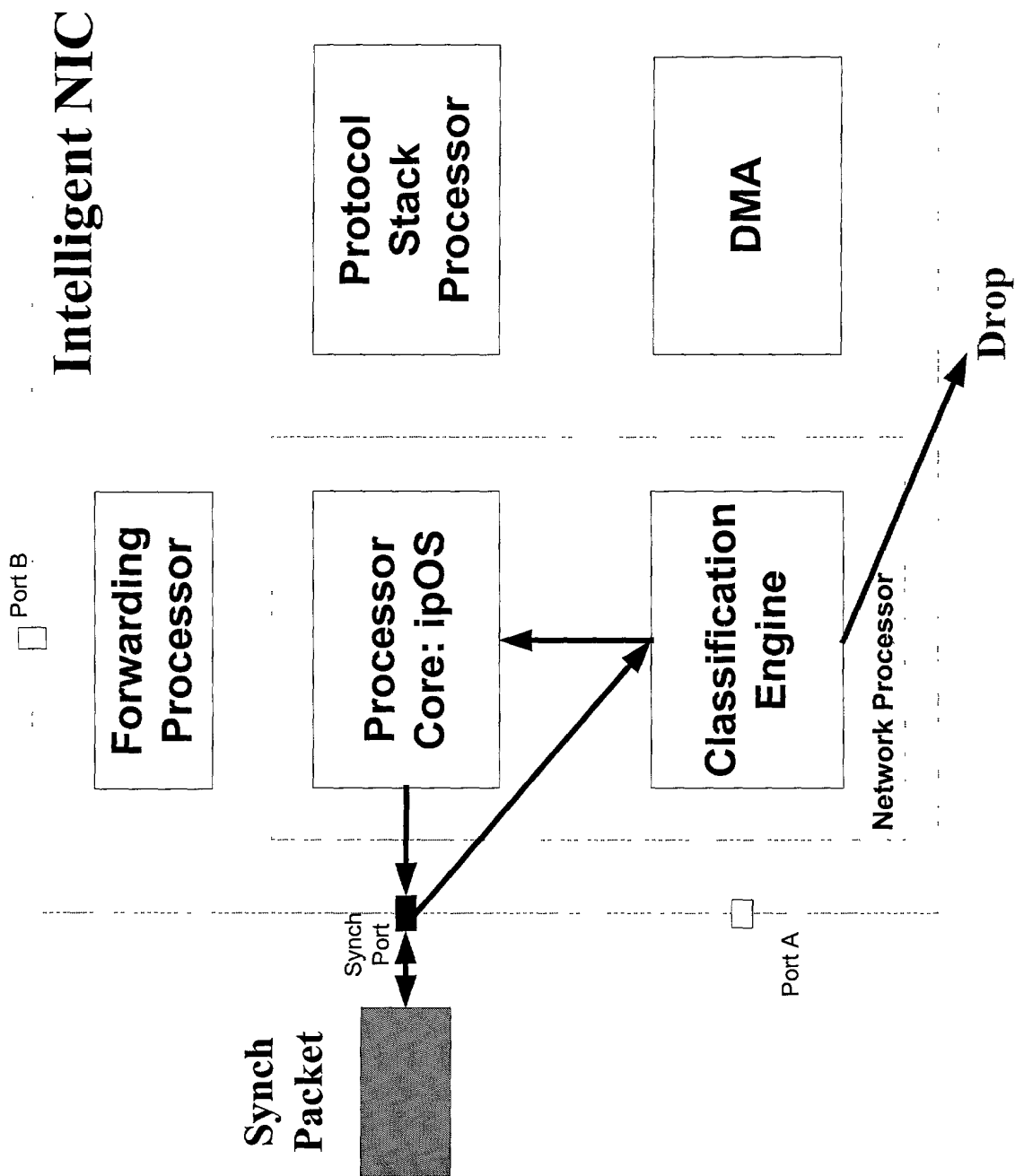


Figure 5c



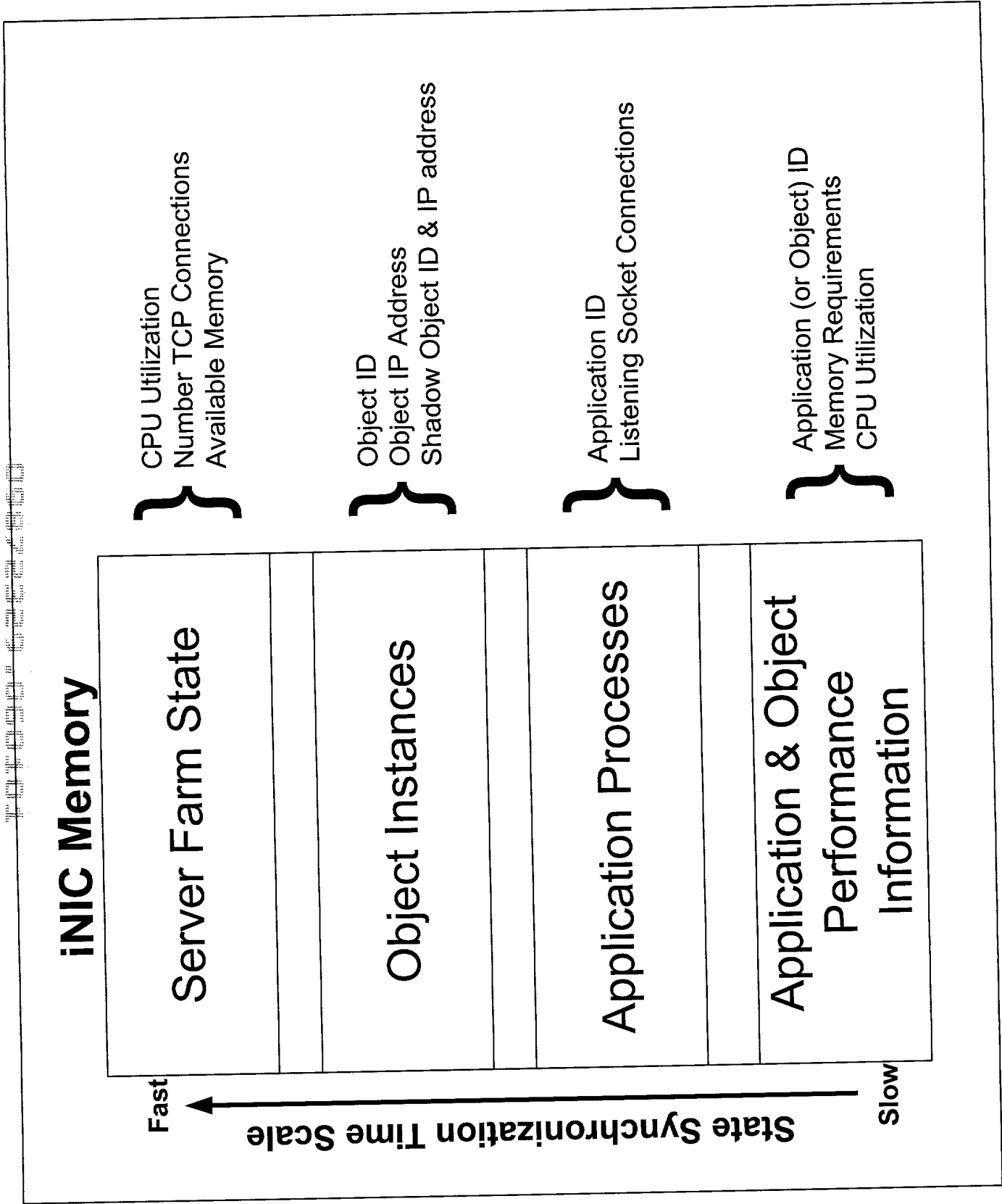


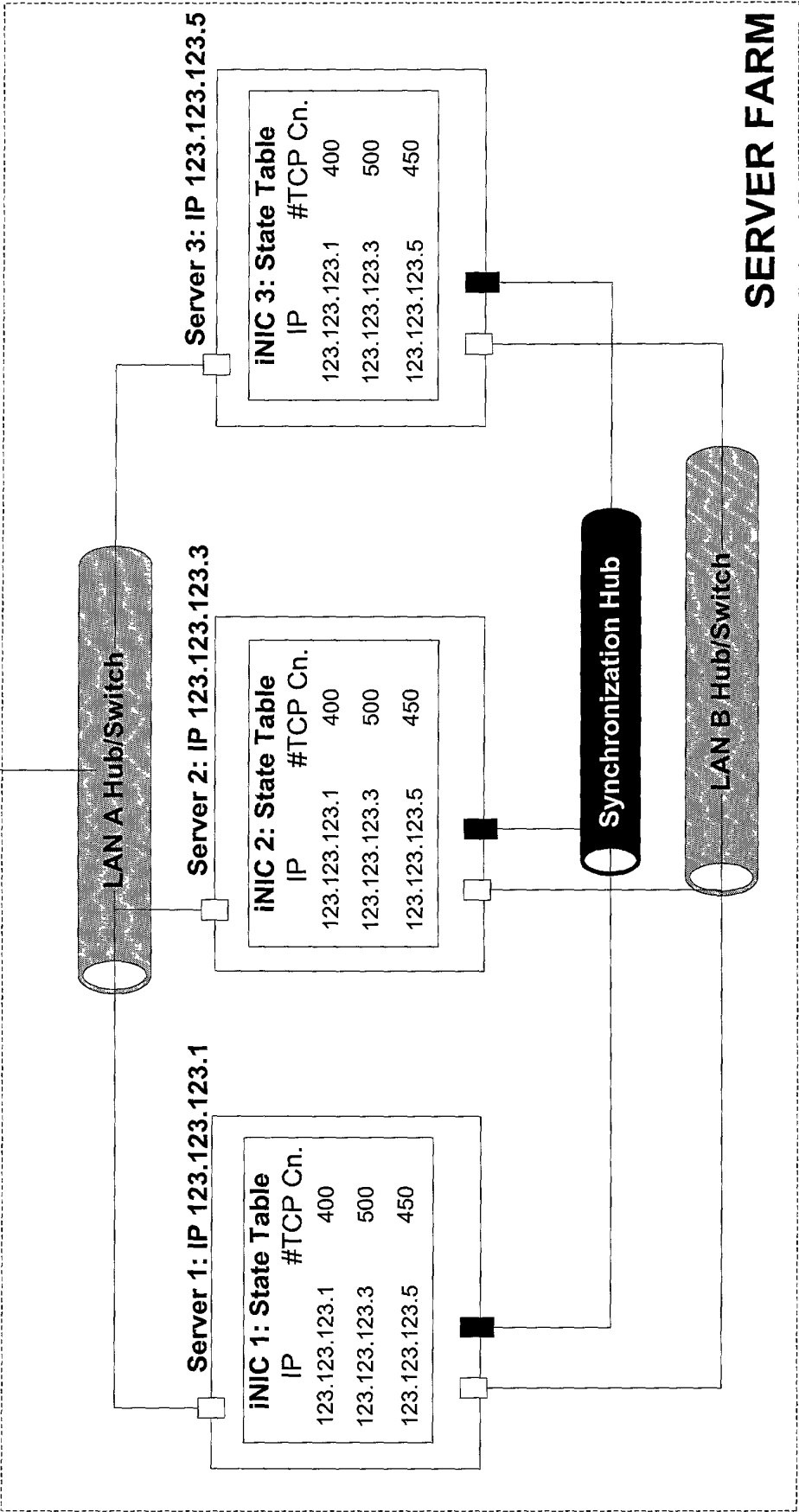
Figure 6

FOIA(b)(3) - DEFO

Internet Connection

Client Request to Server 1:  
123.123.123.1

Figure 7



TOP SECRET

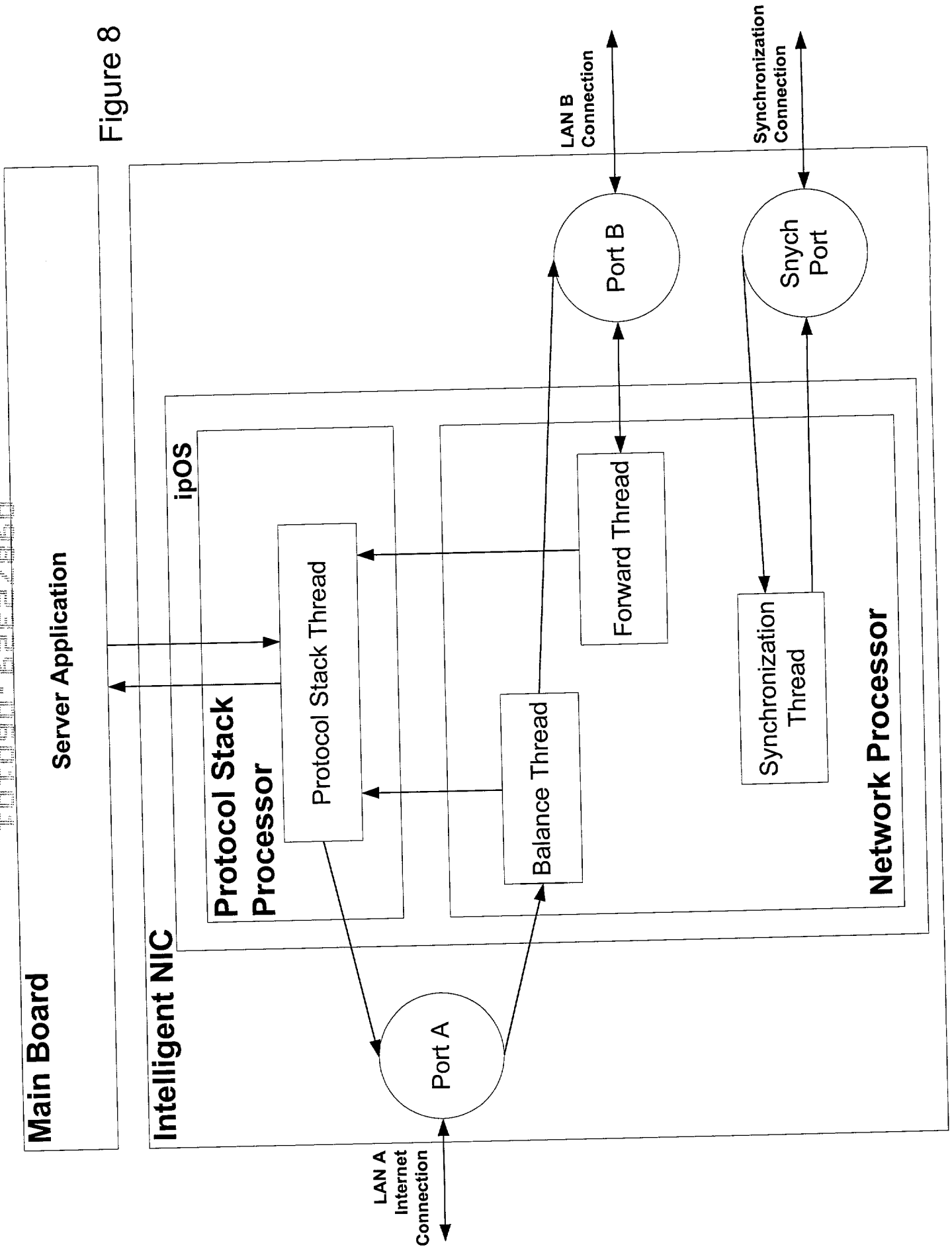


Figure 9a

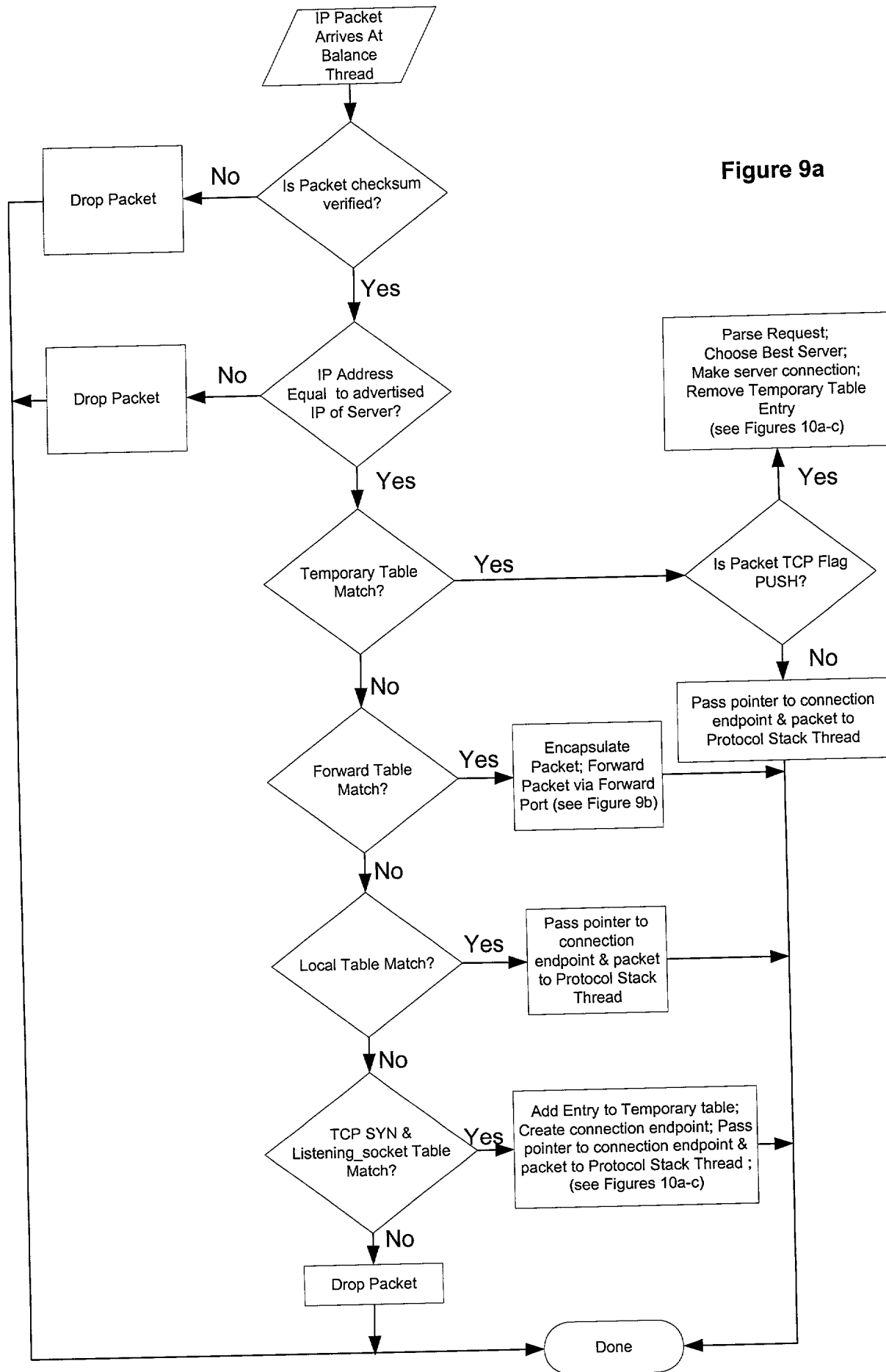




Figure 9b

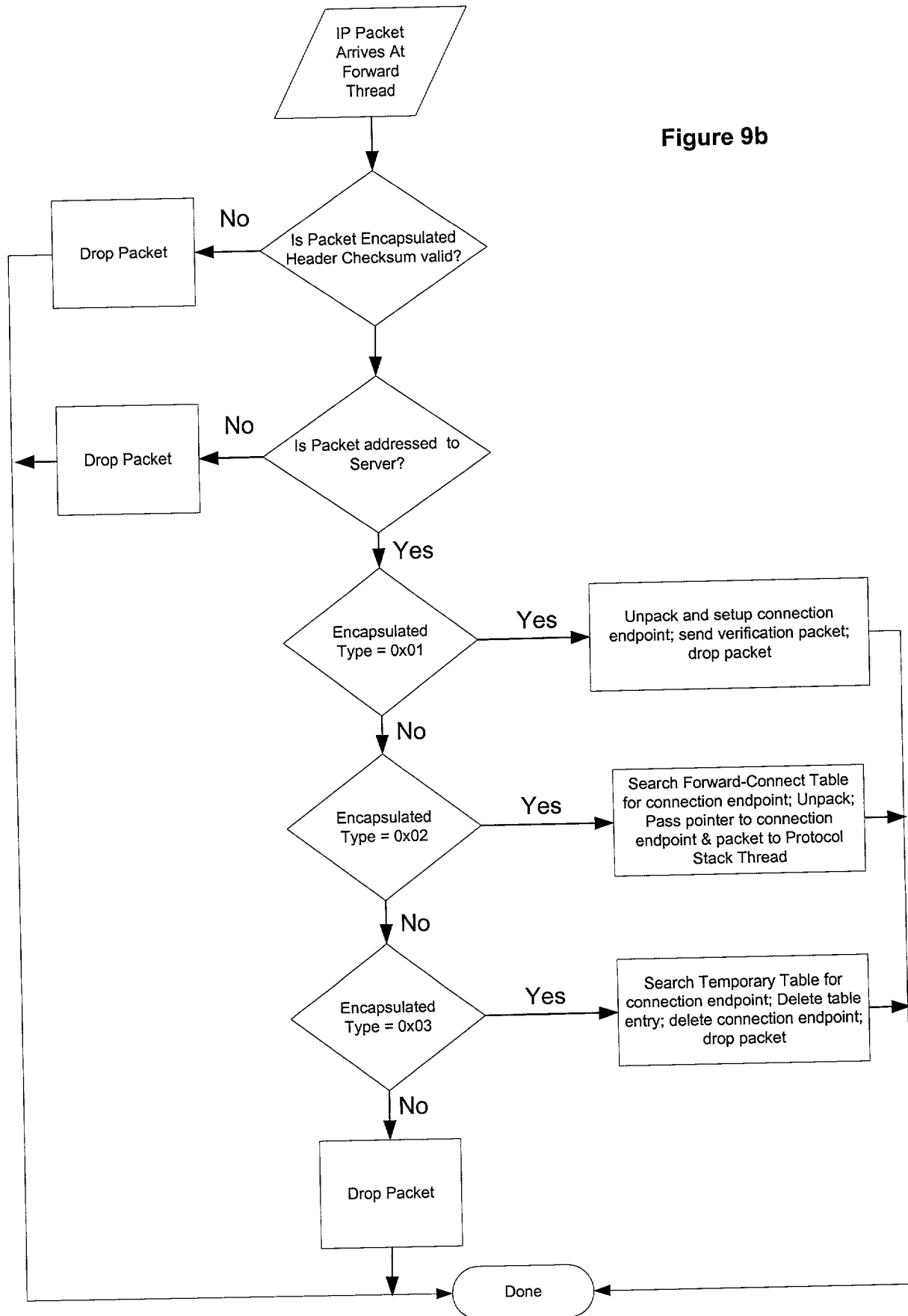
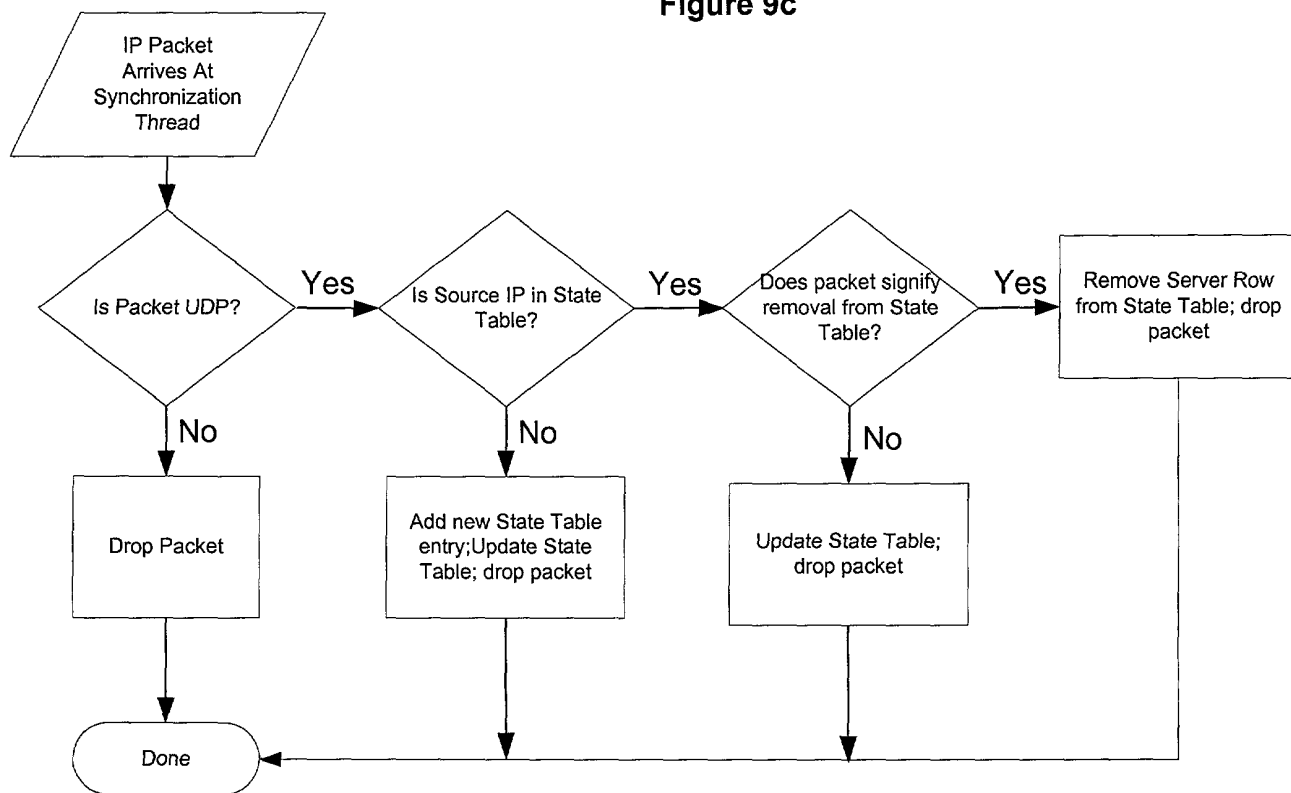
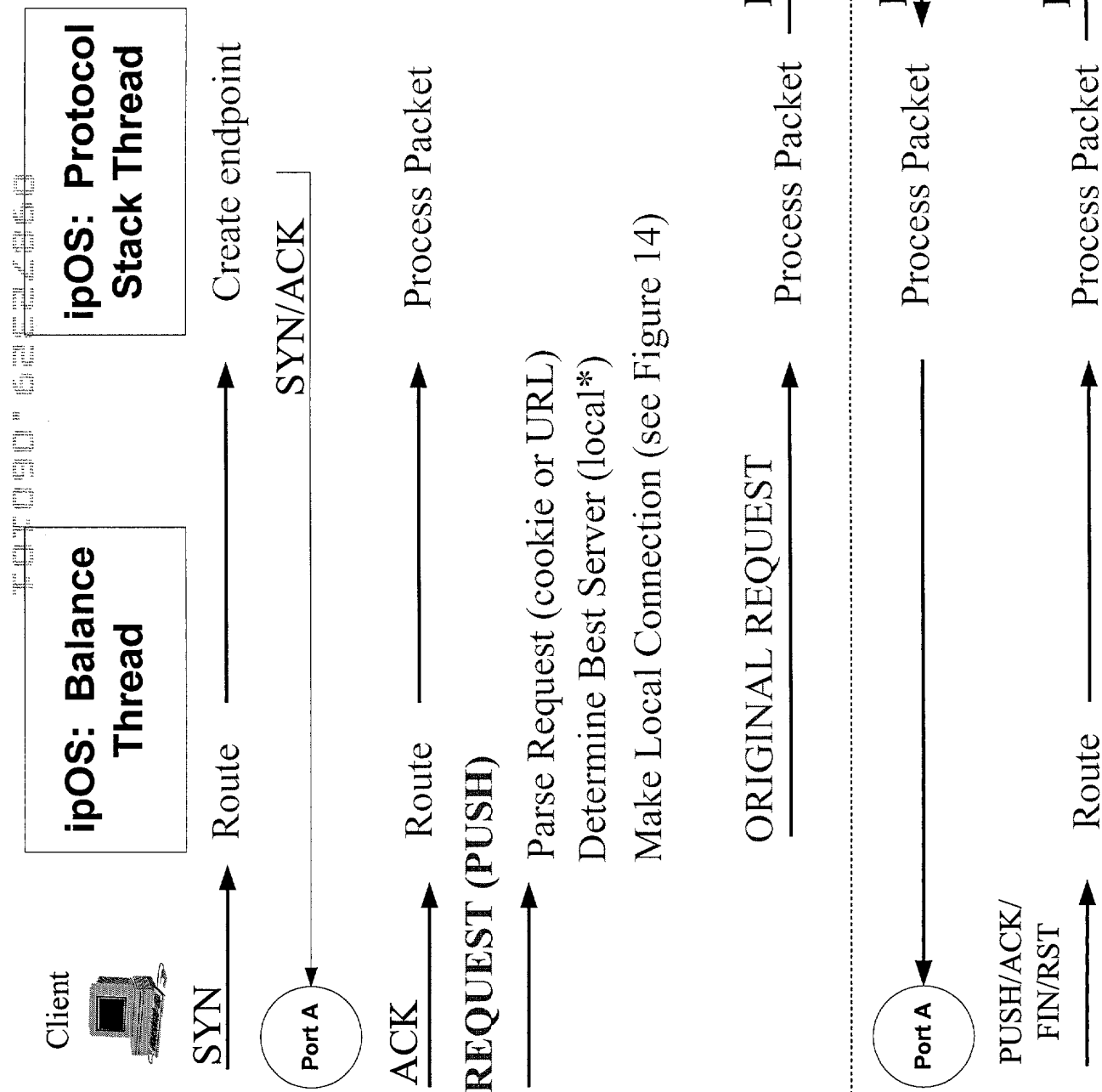


Figure 9c





### Figure 10a

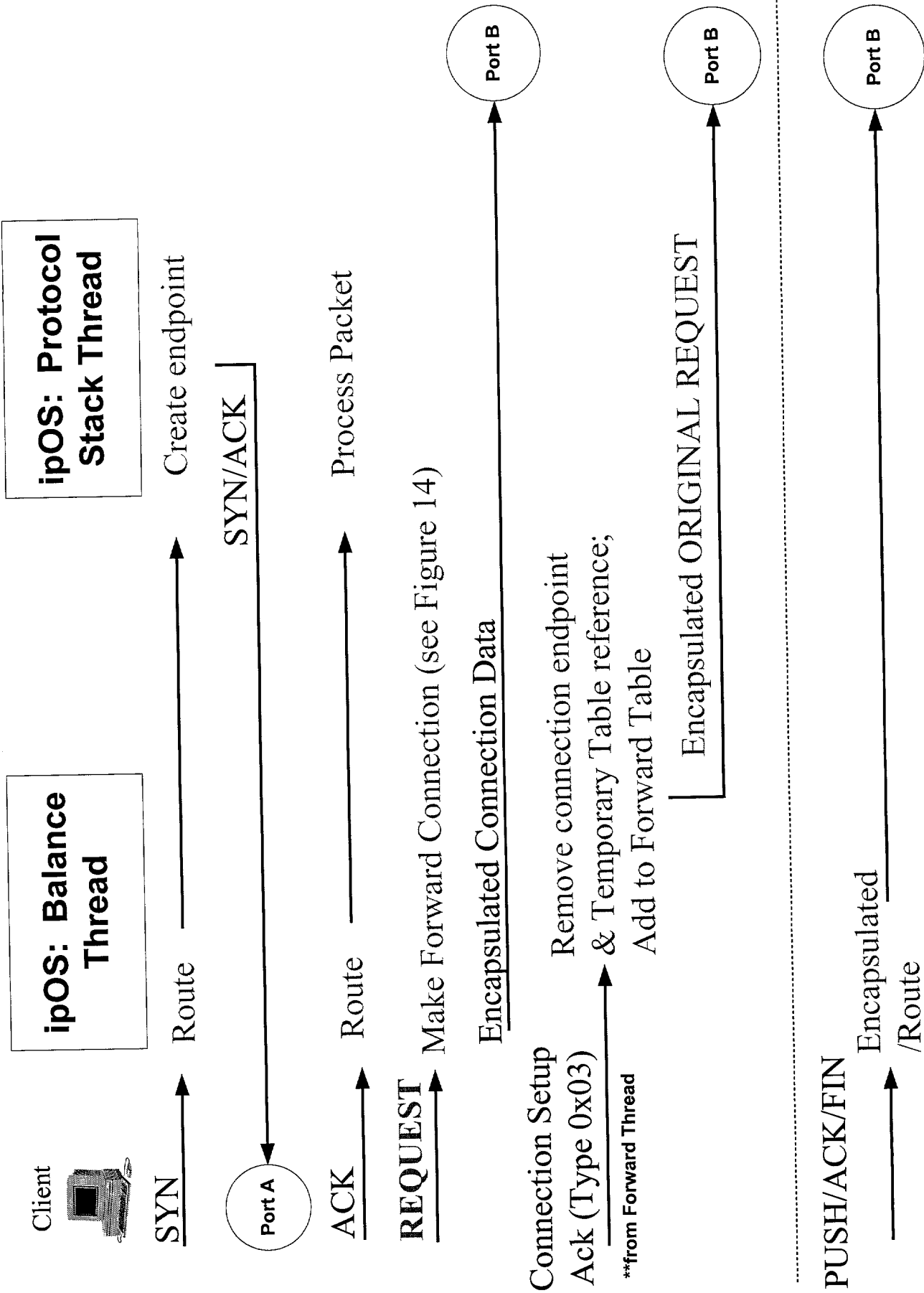


Figure 10b

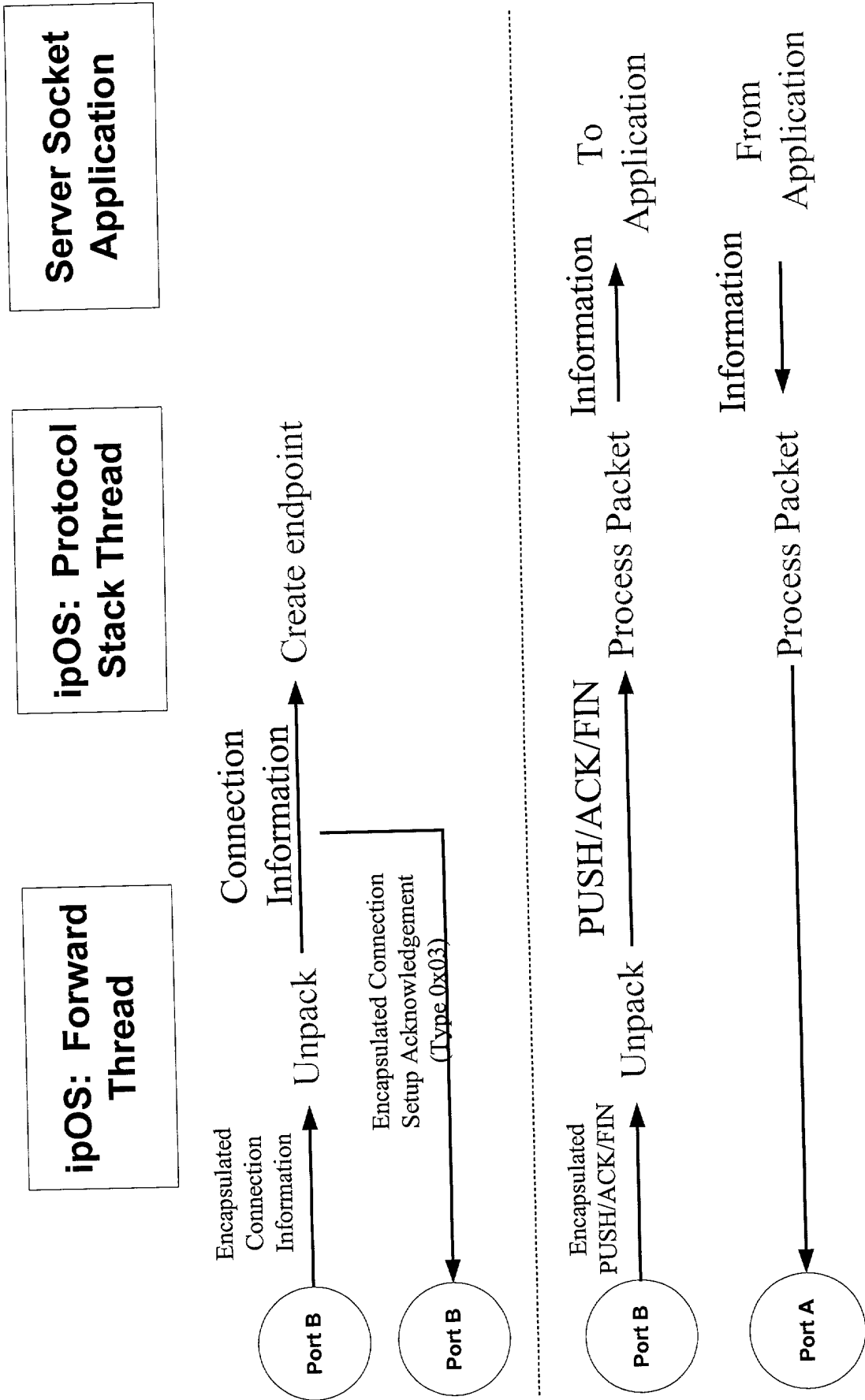


Figure 10c

### Ethernet Encapsulation Header

MAC Destination Address	MAC Source Address	Type 0x007
6	6	2

Figure 11a  
(Prior Art)

### ipOS Encapsulation Header

Source IP	Source Port	Dest. IP	Dest. Port	Type	Protocol	Checksum
4	2	4	2	1	1	2

Figure 11b

### ipOS Connection Information (UDP)

Server IP	Server Port
4	2

Figure 11c

### ipOS Connection Information (TCP)

Server IP	Server Port	TCP Control Block Information
4	2	140

Figure 11d

### ipOS TCP Connection Packet (Type=0x01; Protocol=0x01)

Ethernet Encap. Type =0x007	ipOS Encap. Header	TCP ipOS Connection Information
14	16	146

Figure 11e

### ipOS UDP Connection Packet (Type=0x01; Protocol=0x02)

Ethernet Encap. Type =0x007	ipOS Encap. Header	UDP ipOS Connection Information
14	16	6

Figure 11f

### ipOS TCP Packet (Type=0x02; Protocol=0x01)

Ethernet Encap. Type =0x007	ipOS Encap. Header	IP/TCP Packet
14	16	40 + Data

Figure 11g

### ipOS UDP Packet (Type=0x02; Protocol=0x02)

Ethernet Encap. Type =0x007	ipOS Encap. Header	IP/UDP Packet
14	16	28 + Data

Figure 11h

### ipOS Endpoint Migration Acknowledgement Packet (Type=0x03)

Ethernet Encap. Type =0x007	ipOS Encap. Header
14	16

Figure 11i

FIG. 11a-11i

**Forward Table**

Key	Field	Description
Yes	Source IP Address	IP address of Client
Yes	Source TCP Port	TCP Port of Client
No	Destination IP Address	IP Address to Forward
No	Destination TCP Port	TCP Port to Forward

**Local/Forward-Connect/Temporary Table**

KEY	Field	Description
Yes	Source IP Address	Client IP address
Yes	Source Port	Client TCP Port
Yes	Destination IP Address	Endpoint IP Address
Yes	Destination Port	Endpoint TCP Port
No	Endpoint Reference	Reference to Connection Endpoint

**Server State Table**

Key	Field	Description
Yes	Server IP Address	Server
No	Number TCP Connections	TCP Established Connections
No	CPU utilization	Main board CPU utilization
No	Available memory	Unused memory on Main Board
No	Available Bandwidth	Unused Bandwidth Capacity

**Listening Sockets Table**

Key	Field	Description
Yes	Server IP Address	Server
Yes	TCP Port	Advertised TCP Port
No	Process	Application process advertising IP/Port

**Application Information Table**

Key	Field	Description
Yes	Process ID	Application identification
No	Process memory requirements	Memory required to run application
No	Process CPU Utilization	Measure of application CPU utilization

**URL Map Table**

Key	Field	Description
Yes	URL	Universal Resource Locator
Yes	Server IP Address	IP address of associated server

**Cookie Map Table**

Key	Field	Description
Yes	Cookie ID	Cookie Identification tag
No	Server IP Address	IP address of associated server

**Figure 12**

09032001-0001

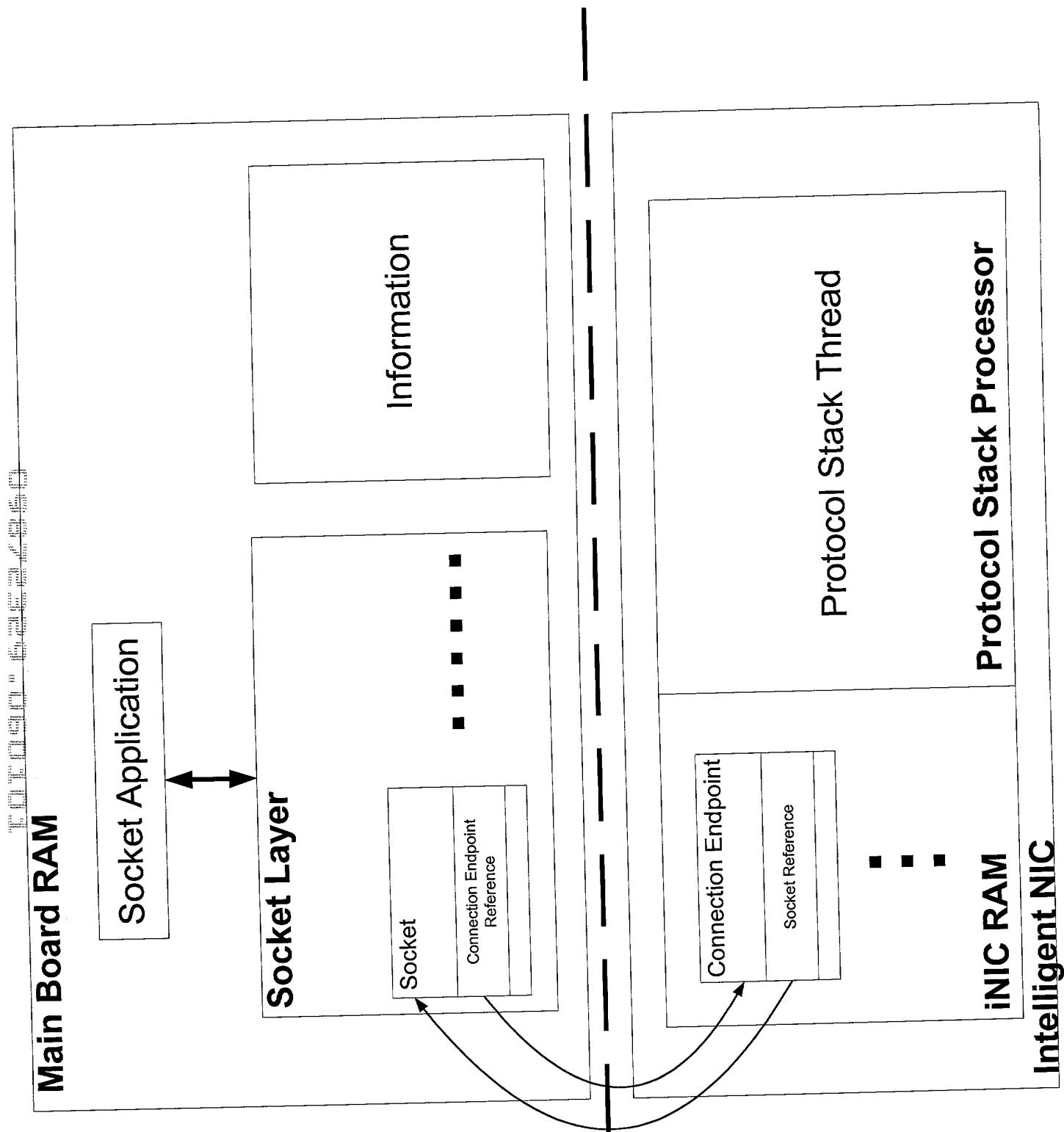


Figure 13



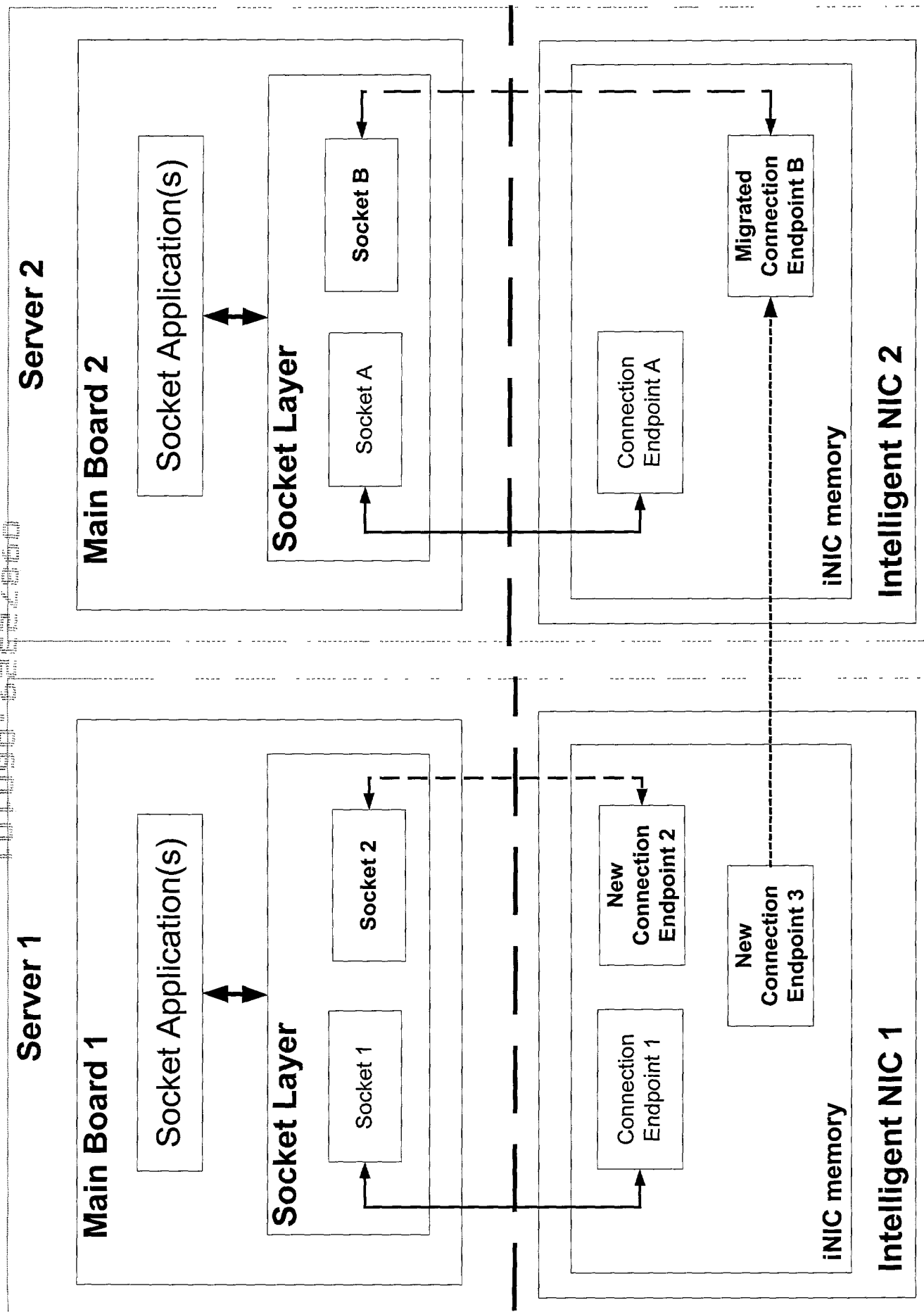


Figure 14

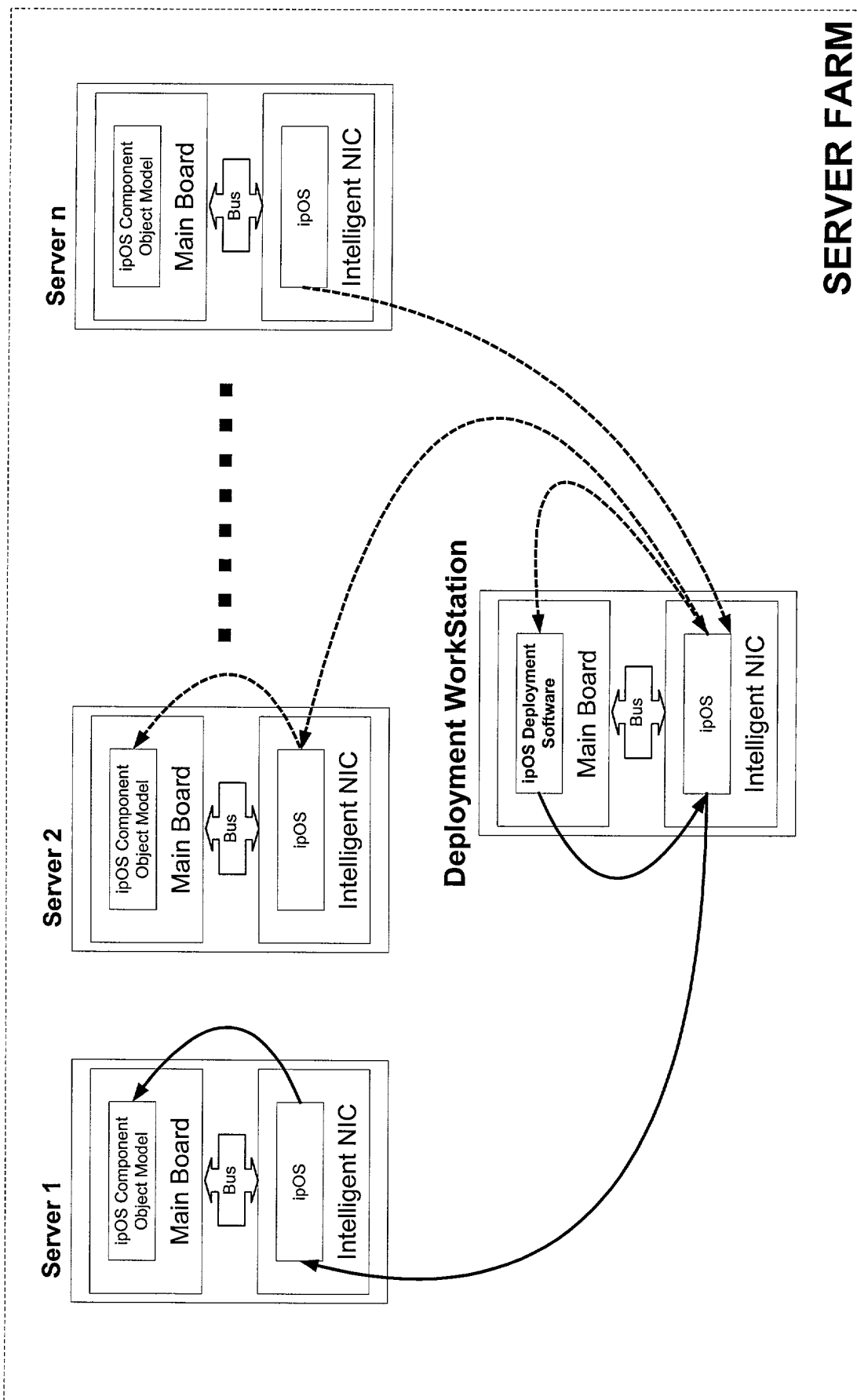


Figure 15

Figure 16

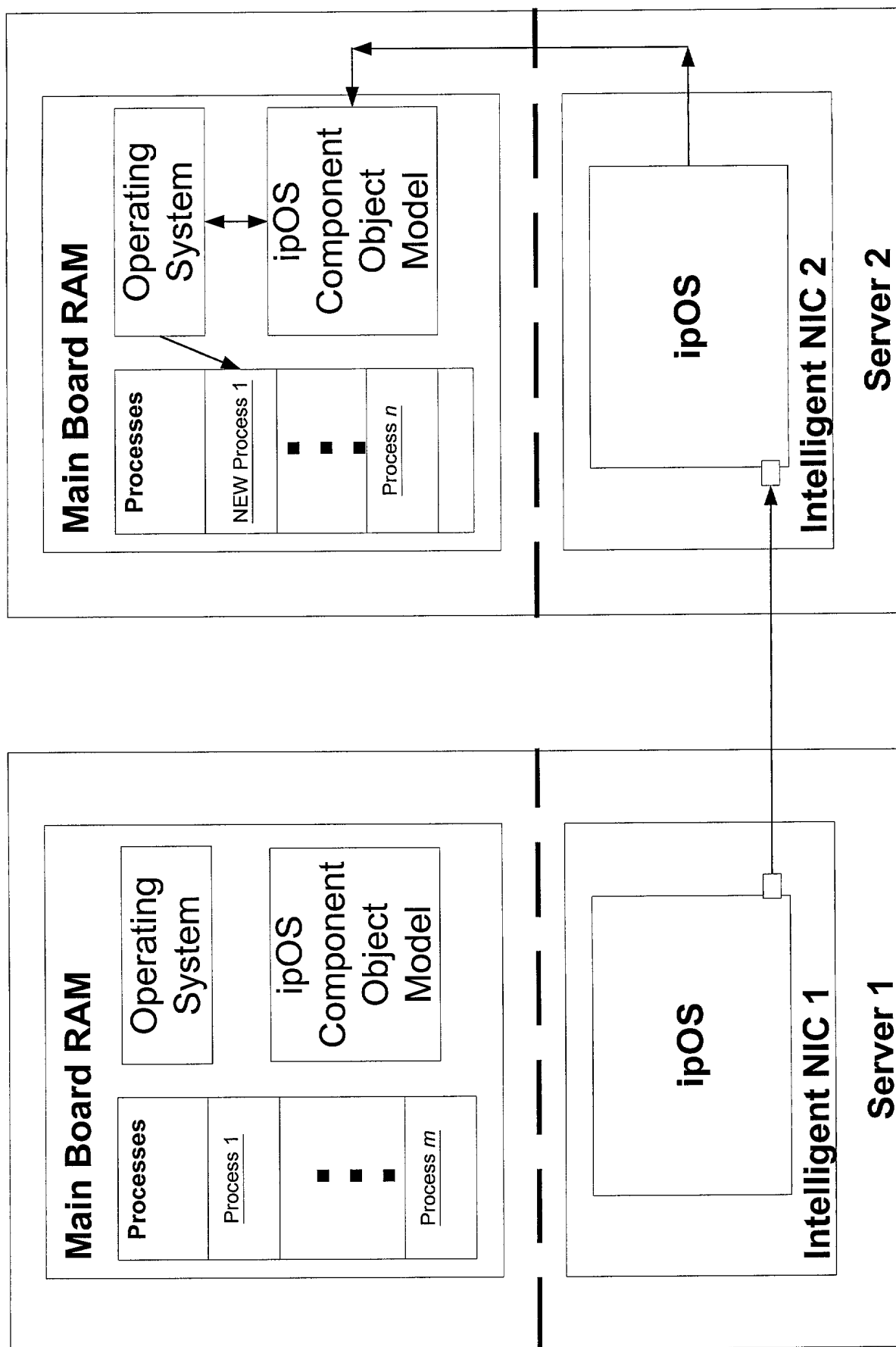


Figure 17

